

Converting Colors

Hex(5BF3AD)

Have a look what the booklet for
Hex(5BF3AD) contains.

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Color

Hex(5BF3AD)

Conversions

Conversions Part 1

Format	Color
Hex	5BF3AD
RGB	91, 243, 173
RGB Percent	36%, 95%, 68%
CMY	0.6431, 0.0471, 0.3216
CMYK	0.63, 0.00, 0.29, 0.05
HSL	152°, 86%, 65%
HSV	152°, 63%, 95%
XYZ	43.9078, 69.3425, 50.6054
YIQ	189.5720, -68.1220, -53.9940

Conversions

Conversions Part 2

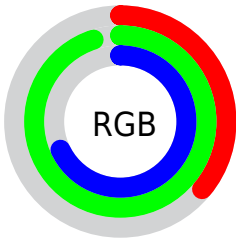
Format	Color
RYB	91, 190, 243
Decimal	6026157
CIELab	86.67, -56.04, 22.10
CIELCh	87, 60.240, 158.475
Yxy	69.3425, 0.2680, 0.4232
Android (android.graphics.Color)	4284216237 (0xFF5BF3AD)
YUV	189.5720, -8.1700, -86.4476
Hunter-Lab	83.2721, -51.6066, 22.2593

Details

The Hex color **5BF3AD** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **F35BA1**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **9AFFE5**, and **00BA78** is the 20% darker color. If you saturate the color by 10%, you get **43F3A2**, and if you desaturate by 10%, it is **73F3B8**.

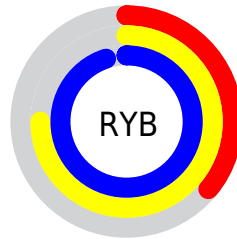
Distribution



Red (36%)

Green (95%)

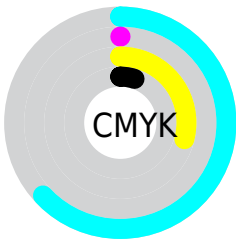
Blue (68%)



Red (36%)

Yellow (75%)

Blue (95%)

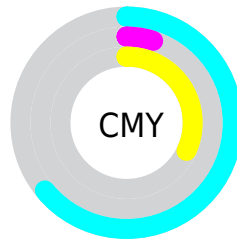


Cyan (63%)

Magenta (0%)

Yellow (29%)

Black (5%)



Cyan (64%)

Magenta (5%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BF3AD changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5BF3AD by changing the saturation by 10% instead.

 5BF3AD

 5BF3AD

FFFFFF

 36D692

 9AFFE5

 00BA78

 B9FFFF

 009E5F

 D7FFFF

 008347

 F6FFFF

 006930

 004F1A

 003702

 001F00

 000000

 5BF3AD

 5BF3AD

 43F3A2

 73F3B8

 2AF397

 8CF3C3

 12F38B

 A4F3CF

 00F383

 BCF3DA

 D4F3E5

 EDF3F0

 FFF3FB

 FFF3FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AEEA7C



5BF3AD



00F6E8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5BF3AD



95DAFF



FFB395

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5BF3AD



F35BA1

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA9CB



5BF3AD



F3C4FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5BF3AD



00EAFB



FFB0FF



FFC76E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5BF3AD



00F5FF



FFB0FF



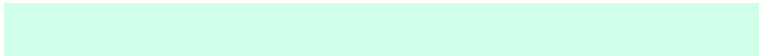
FFAEA6

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5BF3AD



CFFFE9



A2F35B



628072



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5BF3AD



40FFA7



5BEEF3



6E7A75



00BA64



003B20

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F35BA1



FF4098



F3605B



7A6E74



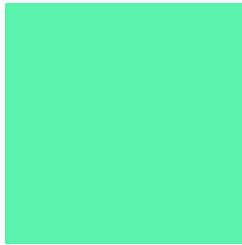
BA0056



3B001B

Previews

White Background



This preview shows how the Hex color 5BF3AD looks on a white background.

Color Contrast Check

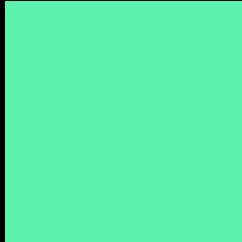
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5BF3AD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5BF3AD Background



This preview shows how black text looks on a background with the Hex color 5BF3AD.

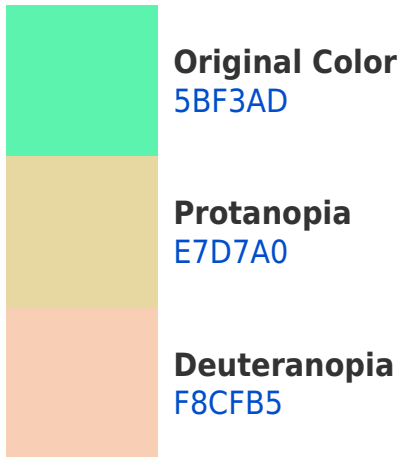


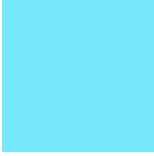
This preview shows how white text looks on a background with the Hex color 5BF3AD.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
76E9FC

Trichromacy



Original Color
5BF3AD



Protanomaly
B4E1A5



Deuteranomaly
BFDCB2



Tritanomaly
6CEDDF

Monochromacy



Original Color
5BF3AD



Achromatopsia
BEBEBE



Achromatomaly
9AD1B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 5BF3AD is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5BF3AD looks like.

```
.text, #text, p{  
    color:#5BF3AD  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5BF3AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BF3AD
}
```

Border

The CSS property to change the border of an element to Hex 5BF3AD is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5BF3AD }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5BF3AD }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5BF3AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BF3AD; -webkit-box-shadow:4px 4px  
4px 4px #5BF3AD; box-shadow:4px 4px 4px  
4px #5BF3AD }
```

Background

The CSS property to change the background color of an element to Hex 5BF3AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BF3AD }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5BF3AD }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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